Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018399.D
Acq On : 27 Nov 2023 14:23
Operator : MA/JU
Sample : 05328-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A49W2MS

Quant Time: Nov 27 21:55:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 27 21:50:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	430913	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1550551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	785253	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1496237	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1653724	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1995327	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	42517	3.696	ng/uL	0.00
4) Pyridine-d5	3.687	84	275228	8.705	ng/ul	0.00
7) Phenol-d5	7.022	99	168084	4.268	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	510699	21.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	545427	16.496	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	299028	9.409	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	325206	25.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	284123	24.428	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	581954	20.739	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	774460	20.463	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1781304	25.494	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	2007600	25.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	49118	5.092	ng/ul	0.00
60) Fluorene-d10	15.487	176	1494532	25.573	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	184928	29.034	ng/ul	0.00
73) Anthracene-d10	17.345	188	2281404	28.527	ng/ul	0.00
81) Pyrene-d10	19.592	212	2895689	22.001	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	3448149	29.808	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	46840	3.797	ng/uL	91
5) Pyridine	3.705	79	308438	9.682	ng/ul	97
6) Benzaldehyde	6.999	77	493661	23.688	ng/ul	95
8) Phenol	7.052	94	193907	5.020	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.287	93	787134	24.462	ng/ul	97
12) 2-Chlorophenol	7.422	128	591467	17.830	ng/ul	96
13) 2-Methylphenol	8.305	108	387364	12.874	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	947293	20.711	ng/ul	96
16) Acetophenone	8.687	105	1101221	22.644	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.675	70	500568	18.426	ng/ul	94
18) 4-Methylphenol	8.634	108	348895	10.858	ng/ul	98
19) Hexachloroethane	8.940	117	312849	22.583	ng/ul	98
22) Nitrobenzene	9.063	77	771207	26.138	ng/ul	95
23) Isophorone	9.593	82	1432557	21.784	ng/ul	99
25) 2-Nitrophenol	9.775	139	347822	26.579	ng/ul	93
26) 2,4-Dimethylphenol	9.840	107	504435	17.169	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	952581	23.985	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	605407	22.523	ng/ul	97
30) Naphthalene	10.710	128	2365852	25.228	ng/ul	100
32) 4-Chloroaniline	10.822	127	729997	20.440	ng/ul	100
33) Hexachlorobutadiene	10.999	225	515057	28.095	ng/ul	98
34) Caprolactam	11.599	113	22547	2.911	ng/ul	91
35) 4-Chloro-3-methylphenol	11.946	107	488423	16.995	ng/ul	96
36) 2-Methylnaphthalene	12.322	142	1555752	23.440	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	1521416	22.773	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	880891	31.763	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	397823	25.327	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	479488	28.789	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	515182	28.605	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	1991030	29.101	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1570212	28.997	ng/ul	97
45) 2-Nitroaniline	13.575	65	327183	28.080	ng/ul	92
47) Dimethylphthalate	13.957	163	1923385	28.134	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	356405	30.921	ng/ul	90
50) Acenaphthylene	14.216	152	2469630	27.829	ng/ul	99
51) 3-Nitroaniline	14.404	138	319815	27.926	ng/ul#	92
52) Acenaphthene	14.563	153	1629144	28.102	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	113620	28.255	ng/ul	98
55) 4-Nitrophenol	14.704	109	38790	5.428	ng/ul	91
56) Dibenzofuran	14.898	168	2244393	28.318	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	487208	31.279	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.122	232	410368	29.013	ng/ul	94
59) Diethylphthalate	15.328	149	1815766	26.439	ng/ul	99
61) Fluorene	15.545	166	1781366	27.561	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	924318	28.163	ng/ul	97
63) 4-Nitroaniline	15.563	138	333964	30.900	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	223549	31.646	ng/ul	95
67) N-Nitrosodiphenylamine	15.757	169	1482585	29.220	ng/ul	99
68) 4-Bromophenyl-phenylether	16.440	248	561672	29.732	ng/ul	97
69) Hexachlorobenzene	16.545	284	684698	32.421	ng/ul	94
70) Atrazine	16.716	200	461630	29.802	ng/ul	99
71) Pentachlorophenol	16.892	266	357245	32.922	ng/ul	99
72) Phenanthrene	17.292	178	2848953	31.304	ng/ul	99
74) Anthracene	17.381	178	2871423	31.257	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	866438	33.689	ng/uL	99
76) Pentachlorobenzene	14.810	250	826553	33.085	ng/uL	100
77) Carbazole	17.657	167	2675474	35.949	ng/ul	99
78) Di-n-butylphthalate	18.222	149	2987611	28.860	ng/ul	99
80) Fluoranthene	19.269	202	3592291	22.847	ng/ul	97
82) Pyrene	19.622	202	3771880	23.823	ng/ul	98
83) Butylbenzylphthalate	20.528	149	1432025	24.440	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.304	252	1103938	27.600	ng/ul	99
85) Benzo(a)anthracene	21.363	228	4254462	31.567	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	2228581	25.351	ng/ul	99
87) Chrysene	21.416	228	3919901	31.962	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	3883287	26.435	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	4521476	31.198	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	4494149	31.149	ng/ul	99
93) Benzo(a)pyrene	23.769	252	4276420	32.085	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	5245556	34.037	ng/ul	97
95) Dibenzo(a,h)anthracene	26.668	278	4342116	34.415	ng/ul	98
96) Benzo(g,h,i)perylene	27.427	276	4281476	34.303	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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